

Microgrid



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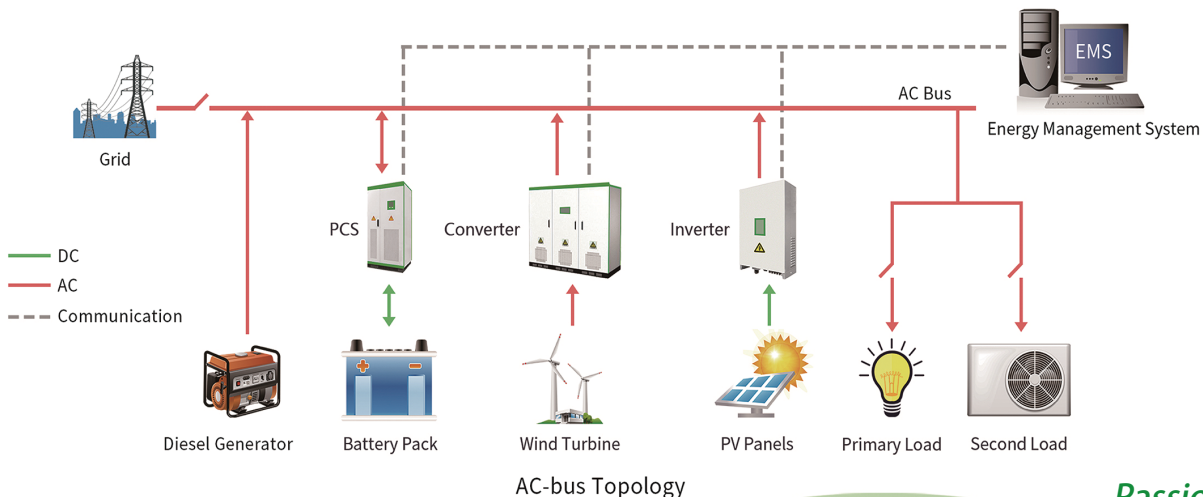
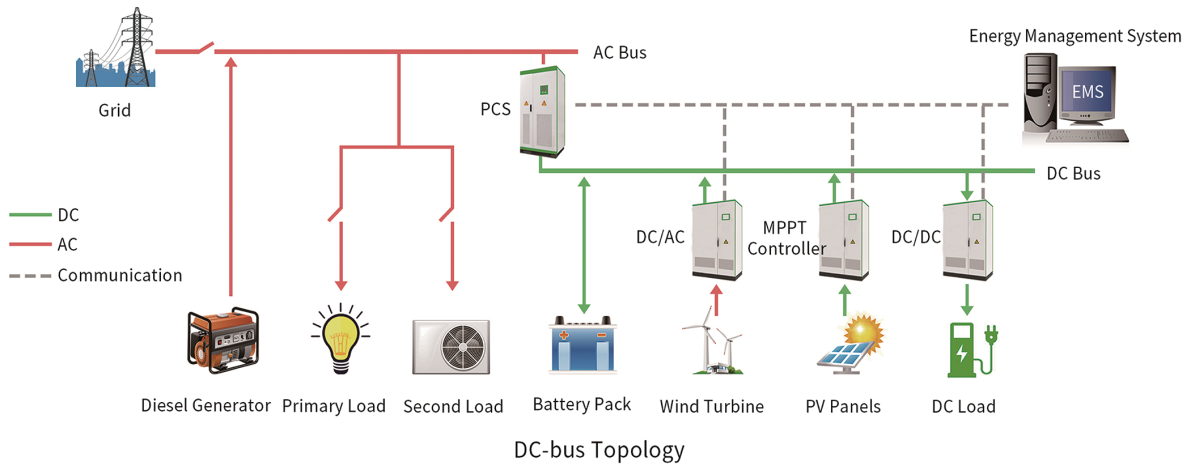
Shoto and IEE-CAS(Institute of Electrical Engineering, Chinese Academy of Sciences) jointly promote R&D of micro grid, provide micro grid optimization solutions and control management system. The micro grid operates with grid-connected/off-grid mode and seamlessly switches between modes, support for a variety of distributed energy resources, can perform peak load clipping, signal stabilization, emergency power supply and other auxiliary functions. It is equipped with an efficient energy management system which improves the comprehensive utilization of energy.



Technical Advantage

- ▣ Distributed Power Plug and Play
- ▣ Efficient and Reliable Energy Management System
- ▣ Shock Resistant Load
- ▣ Various Configurations of BESS
- ▣ Seamless Switching of Off-Line Operation
- ▣ Flexible Configuration of Operation Mode

Typical System Structure




Passion for Storage
and Green Energy

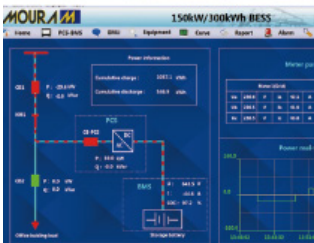


BESS Technical Data

 <p>Pbc Container Battery Parameters</p>	Cell Type	LLC_300	LLC_400	LLC_500	LLC_600	LLC_800	LLC_1000
	Rated Capacity	300Ah	400Ah	500Ah	600Ah	800Ah	1000Ah
	Available Energy (300 Unit)	180kWh	240kWh	300kWh	360kWh	480kWh	600kWh

 <p>LFP Container Battery Parameters</p>	Cluster Type	SDC10_691280	SDC10_665200	SDC10_739230
	Rated Capacity	280Ah	200Ah	230Ah
	Available Energy	193kWh	133kWh	170kWh

Typical Cases



Location: Brasil recife
Introduction: Peaks having, dynamically respond to load demand and cut utility.



Location: Kaishan Island
Introduction: A wind-PV energy storage off-grid system with a diesel generator on the island to solve the power supply problem of island residents.



Location: Industry Park
Introduction: PV & BESS Microgrid, applied for Peak Load Shifting, Demand Response, and Emergency Power Supply.

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